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| Power-Match |
| Project Vision Document | |
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**Revision History**

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|  | 02/10/2024 | Damanpreet Singh | Vansh and Harsh | All stakeholder information |
|  | 27/09/2024 | Harsh | Anthony | Purpose, scope and references. |
|  | 02/10/2024 | Anthony | Vansh and Harsh | Adding our SWOT Analysis  Problem statement and product position statement. |

**Document Approval List**

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# Introduction

This Document outlines the purpose, scope, and objectives of *Power-Match*, a mobile application designed to connect gym enthusiasts with potential WO partners through a map-based interface. The document details the business opportunity, problem statement, key features, stakeholder roles, and system requirements for the project. It serves as a comprehensive guide to ensure all involved parties understand the app’s goals and how it aims to provide value to its users by facilitating GPCs, tracking WO streaks, and offering advanced matching features.

## Purpose

The purpose of this Document is to provide a clear and concise description of the *Power-Match* app, defining its goals, target audience, and features. It serves to align all stakeholders on the project's vision, business opportunity, and technical requirements. The document outlines how *Power-Match* aims to solve the problem of finding a GPC by offering a convenient platform for gym enthusiasts inspired by GYmbuddy and Bumble to connect, track WO progress, and engage with a community. It will also guide the development process by establishing the app's scope, system features, and business model, ensuring the project is delivered on time and within budget

## Scope

The scope of the **Power-Match** project encompasses the design, development, and deployment of a mobile application aimed at connecting gym enthusiasts with potential WO partners. The app will feature functionalities that enhance user experience, facilitate engagement, and promote healthy lifestyles through social connections.

### In Scope

 **User Matching**: Connect users with compatible gym buddies and trainers based on fitness goals, location, and preferences.

 **Rating System**: Rate WO partners, trainers and locations after sessions, helping users find reliable WO partners and comfortable WO locations.

 **WO Location Finder**: Locate nearby gyms, parks, or fitness centers.

 **Consistency Streaks**: Track WO streaks, motivating users to maintain consistency and meet compatible WO partners and build strong connections.

###  **Direct Communication**: Facilitate in-app communication to arrange sessions, discuss fitness goals and find out suitable WO location; all at one place.

### Out of Scope

 Social Media Elements: Posting stories, making comments, or sharing media.

 General Socializing: Conversations not directly related to fitness goals or WOs.

 Advanced Social Features: Including friend circles, general chatrooms, or unrelated networking.

The focus remains on WO consistency and motivation through limited social interactions.

## Definitions, Acronyms, and Abbreviations

|  |  |
| --- | --- |
| Term | Explanation |
| GPC | Gym partner Connection |
| WO | Workout |

## References

*<This subsection provides a complete list of all documents referenced elsewhere in the Project Vision****.*** *Identify each document by title, report number if applicable, date, and publishing organization. >*

| Reference File Name | Version | Description |
| --- | --- | --- |
| N/A |  |  |
|  |  |  |
|  |  |  |

This section also contains links to all other places that were referred to in this document. These may include:

* Web sites
* URLs or network locations
* Research done for similar products

|  |  |
| --- | --- |
| Name | Link |
| Gymbuddy | Gymbuddy.com |
| Bumble | bumble.com |
| Google Maps API | developers.google.com/maps |

# Positioning

## Business Opportunity

Power-Match can generate revenue through ads and premium subscriptions for additional features such as enhanced profile visibility or advanced search filters.

## Problem Statement

This project aims to solve the issue of gym lovers finding trustworthy and suitable workout buddies, especially for individuals who have difficulty exercising alone. A lot of people struggle with a lack of self-motivation and procrastination, which can hinder their fitness journey and stop them from reaching their health or aesthetic objectives. Additionally, there is a clear lack of solutions that enable interactions between individuals who frequent exercise. This project seeks to address these problems by providing a user-friendly platform where people can discover and connect with possible gym partners, facilities, or instructors. The app aims to boost gym attendance and motivation by improving social support and accountability, leading users to reach their fitness goals.

|  |  |
| --- | --- |
| The Problem of | finding suitable gym partners for people struggling to work out on their own. |
| affects | Individuals with lack of self-motivation and procrastination difficulties. |
| the impact of which is | The lack of health or appearance goal achievements for the individual. |
| a successful solution would be | To offer a user-friendly platform to find and communicate with potential gym partners, facilities or instructors; increasing gym attendance and motivation. |

Table 1 Problem Statement

## Product Position Statement

Power-Match is an app for gyms that aims to link gym lovers with possible workout buddies and coaches. Acknowledging the difficulties people encounter in staying motivated and consistent with their exercise routines, Power-Match offers a simple tool for users to connect with similar individuals nearby, making it easier to stay on track with their fitness goals. Power-Match aims to create a supportive fitness community by tackling problems like procrastination, lack of self-motivation, and struggles in achieving health and appearance goals. The app boosts user participation while also encouraging responsibility and socializing, resulting in higher gym attendance and better health for its users. This project is crucial in helping individuals reach their fitness goals by fostering connection and teamwork.

|  |  |
| --- | --- |
| For | Current or future gym enthusiasts |
| Who | want to find reliable workout partners, facilities and/or trainers. |
| The <product name> | Power-Match. |
| That | allows users to connect based on location, workout style, and schedule and/or desired product or service. |
| Unlike | other fitness-socialization apps. |
| Our product | Will have the ability to expand and connect users successfully by adding multiple extra functionalities. |

Table 2 Product Position Statement

## SWOT Analysis <Reference: <https://www.businessballs.com/strategy-innovation/swot-analysis/>)

|  |  |
| --- | --- |
| Strengths | Weaknesses |
| Niche Market Appeal: The app addresses a specific need for people looking for WO partners with similar fitness goals, schedules, and WO preferences. | User Base Growth Challenge: A matching app relies heavily on having a large, active user base to ensure successful matches. Attracting a large number of users, for others to connect initially will be a difficulty. |
| Health & Fitness Trend: Without any doubt, health, wellness, and community-based activities are top priorities of almost all. This app taps into that growing interest. | User Retention: If users don't find compatible matches right away, they may lose interest and stop using the app. |
| Social Engagement: The matching feature helps foster a sense of community and motivation among users, making it more than just a WO app, but also a social experience. | Competition: There are already several fitness apps on the market, including those offering social networking features, which could limit differentiation unless the app has unique value propositions. |
| **Opportunities** | **Threats** |
| Expanding the Fitness Community: The app will help individuals who are new to fitness in finding support and motivation, which can be a strong selling point. | Regulatory Issues: Different regions have their own legal and regulatory requirements concerning data privacy and safety, which could pose challenges, especially when the app is designed to connect individuals for face-to-face meetings. |
| Corporate Partnerships: The app could attract partnerships with gyms, fitness trainers, and health brands. These collaborations might offer users exclusive benefits or promote the partners' services, opening up new revenue opportunities for the app. | Technological Challenges: Ensuring the app runs smoothly, from reliable matching algorithms to real-time communication between users, could require significant development resources. |
| Expansion into Other Wellness Areas: Beyond WOs, the app could integrate additional wellness services such as nutrition advice, mental health, and personal coaching. | Monetization Difficulties: Deciding on a viable monetization model (e.g., subscription, freemium, ads) without turning users away is always a risk for app-based businesses. |

# Stakeholder and User Descriptions

This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution. It does not describe their specific requests or requirements as these are captured in a separate stakeholder requests artifact. Instead, it provides the background and justification for why the requirements are needed.

## Stakeholder Summary

| Stakeholder Name | Represents | Role |
| --- | --- | --- |
| **Personal trainers and fitness class instructors** | Entrepreneurs offering professional fitness guidance. | Attract users, provide professional services, and receive ratings. |
| **Fitness centers** | Gym owners promoting the app to multiply users at their location. | To provide potential partnerships and sponsorship. |
| **App Development Team** | Technical staff involved in developing the app. | Design, develop and implement the app’s features. |
| **Investors** | Financial Backers of the project(in future, if any) | Ensure ROI and influence app features and directions. |

Table 3 Stakeholder Summary

## User Summary

| User Name | Description | Responsibilities | Stakeholder |
| --- | --- | --- | --- |
| Gym Enthusiast | Users looking for WO partners or trainers through the app. | Find, connect, rate partners/trainers, and locate gyms. | Personal Trainers, Fitness Centers |
| Personal Trainers | Professionals offering personalized training services. | Create profiles, engage with clients, and receive ratings. | Personal Trainers and Fitness Centers |
| Gym Owners/Managers | Individuals overseeing gyms and facilities listed on the app. | Promote gyms, interact with users, and list available services. | Fitness Centers |
| App Administrators | Internal team managing the app’s content, security, and services. | Monitor user interactions, handle issues, and maintain app quality. | App Development Team |

Table 4 User Summary

# Stakeholder Requirements

| ID | Requirement | Stakeholder |
| --- | --- | --- |
| 1 | Provide user profile management for gym enthusiasts and trainers. | Personal Trainers, Gym Users |
| 2 | Include location-based gym search functionality. | Fitness Centers |
| 3 | Implement a rating and review system for trainers and workout partners. | Gym Enthusiasts, Trainers |
| 4 | Offer consistent tracking and progress features for gym users. | Gym Enthusiasts |
| 5 | Maintain security and data privacy for user profiles. | App Development Team |

Table 5 Stakeholder Requirements

# System Features

| ID | Feature | Description | Stakeholder Requirement ID |
| --- | --- | --- | --- |
| 1 | |  | | --- | |  |  |  | | --- | |  |   User Profile Creation | Allows users to create personal profiles, set fitness goals, and add workout preferences. | 1 |
| 2 | Location-Based Search | |  | | --- | |  |  |  | | --- | | Enables users to find nearby gyms, workout partners, and personal trainers with the help of google map API. | | 2 |
| 3 | Rating and reviewing system | Users can provide ratings and feedback for workout partners and trainers, helping others to find compatible partners, workout locations and trainers. | 3 |
| 4 | Consistency and Streak Tracking | |  | | --- | | Tracks workout frequency and displays streaks, motivating users to stay active and consistent in their fitness routines. |  |  | | --- | |  | | 4 |
| 5 | Data Privacy | |  | | --- | | Implements security measures to protect user data, ensuring all profiles and interactions are managed securely and comply with privacy regulations. |  |  | | --- | |  | | 5 |

Table 6 System Features

# Assumptions

 Users have access to a stable internet connection.

 Partner gyms and trainers will be verified before listing on the app.

 Users will provide accurate profile information.

# Constraints

* App development must be completed within timeline.
* Budget constraints limit initial features to core functionality.
* Dependence on reliable third-party APIs (Google Maps, social logins).